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EXPLANATORY NOTE

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
5. ON THE RIGHT MARGIN:
   - PIL - Article appears in a periodical (journal) in library.
   - PIL/A - Article authored by PIADC staff member(s).
   - NUMBER - Publication is available in "Reprint File" under indicated number.
   - LIBR. CLASSIF. CALL NUMBER - Book is available in library.
   - CIRC. FILE - Publication is in Circulating Files in library.

MULTIPLE SUBJECT AREA

ANON.
The public health importance of rodents in South America.
VEE; VSV; FMD.
W.H.O. Chron. 27(6):259-261, 1973. PIL

ARUO, S.K.
Foot and mouth disease in Uganda.
FMD; Rinderpest; CBPP.
Bull. Epizoot. Dis. Afr. 21(2):179-185, 1973. PIL

HUANG, R.T.C., ROTT, R., and KLENK, H.-D.
On the receptor of influenza viruses.
1. Artificial receptor for influenza virus.
Fowl plague; VSV.
Z. Naturforsch., Teil C 28C(5/6):342-345, 1973. PIL

JOUBERT, L., and others.*
Pathogenicite residuelle d'une souche de virus de la stomatite vesiculeuse contagieuse (Indiana) de culture cellulaire. I.-Inoculation a l'animal receptif et sensible.
VSV; FMD.
Bull. Acad. Vet. Fr. 46(2):101-112, 1973.
*M. Fedida, M. Prave, Ph. Desmettre, and M. Peillon. PIL

LIESS, B.
Übersichtsreferat: Pathogenese virusbedingter Darminfektionen der Tiere. [Pathogenesis of viral infections of the intestinal tract in animals.]
Teschen; Malfan; ASF; Rinderpest.
Dtsch. tierärztl. Wochenschr. 80(15):360-364, 1973. PIL

MADELEY, C.R.
Virus morphology. London, Churchill Livingstone, vii, 179 p , illus., 1972.
Bov. mamm.; FMD; Fowl plague; VSV; Cont. ecthyma. QR 360 M3

ROBERTS, D.H., and others.*
Cell-mediated immune response in cattle to
Mycoplasma mycoides var. mycoides.
CBPP; E.C. fever.
Infect. Immun. 8(3):349-354, 1973.
*R.S. Windsor, W.N. Masiga, and C.G. Kariavu. PIL

SAWHNEY, A.N., DUBEY, S.C., and MALIK, B.S.
Diagnosis of contagious pustular dermatitis in sheep
and goats by agar-gel precipitation test.
Cont. ecthyma; Goat pox.
Indian Vet. J. 50(6):605-607, 1973. PIL

SELLERS, R.F., and others.*
The effect of a double-stranded RNA of fungal
origin on the development of foot-and-mouth
disease in pigs and calves.
FMD; VSV.
Vet. Rec. 93(4):90-93, 1973.
*K.A.J. Herniman, J.W.G. Leiper, and D.N. Planterose. PIL

SMITH, A.W., and others.*
San Miguel sea lion virus isolation, preliminary
characterization and relationship to vesicular
exanthema of swine virus.
VES; FMD.
Nature (Lond.) 244(5411):108-110, 1973.
*T.G. Akers, S.H. Madin, and N.A. Vedros. PIL

TINSLEY, T.W., and HARRAP, K.A., eds.
Moving frontiers in invertebrate virology; a
report of a specialized workshop at the Second
International Congress for Virology, Budapest
1971. New York, S. Karger, viii, 66 p., illus.
(Monographs in Virology, v. 6), 1972.
Sheep pox; Lumpy skin; VSV; AHS; Louping ill. QR 360 M2

U.S. ANIMAL AND PLANT HEALTH INSPECTION SERVICE.
VETERINARY SERVICES. EMERGENCY PROGRAMS.
Foreign animal diseases report, August 1973.
FMD; Rinderpest; ASF. CIRC.FILE

BLUETONGUE DISEASE IN CATTLE (IBARAKI VIRUS)

INABA, Y., and others.*
Physicochemical properties of bovine respiratory
syncytial virus.
Jap. J. Microbiol. 17(3):211-216, 1973.
*Y. Tanaka, T. Omori, and M. Matumoto. PIL

BORNA DISEASE

LUDWIG, H., BECHT, H., and GROH, L.
Borna disease (BD), a slow virus infection.
Biological properties of the virus.
Med. Microbiol. Immunol. 158(4):275-289, 1973. PIL

SNYDER, S.B., and others.*
An epornitic of duck virus enteritis (duck plague) in California.
J. Am. Vet. Med. Assoc. 163(6):647-652, 1973.
*J.G. Fox, L.H. Campbell, K.F. Tam, and O.A. Soave. PIL

EAST COAST FEVER

BROWN, C.G.D., and others.*
Infection and transformation of bovine lymphoid cells *in vitro* by infective particles of *Theileria parva*.
Nature (Lond.) 245(5420):101-103, 1973.
*D.A. Stagg, R.E. Purnell, G.K. Kanhai, and R.C. Payne. PIL

ECIMOVIC, T.J., and MAHLAU, E.A.
An animal health survey of Mbeya Region, 1971, Tanzania.
Bull. Epizoot. Dis. Afr. 21(2):187-192, 1973. PIL

IRVIN, A.D., and others.*
Blood parasites of the Impala (*Aepyceros melampus*) in the Serengeti National Park.
Vet. Rec. 93(7):200-203, 1973.
*P. Omwoyo, R.E. Purnell, M.A. Peirce, and B. Schiemann. PIL

OKAO, E.T., and OTENG, A.K.
An appraisal of the factors causing losses to newly introduced exotic cattle (*Bos taurus*) into Uganda.
Bull. Epizoot. Dis. Afr. 21(2):193-205, 1973. PIL

YOUNG, A.S., and others.*
Preliminary observations on a theilerial species pathogenic to cattle isolated from buffalo (*Syncerus caffer*) in Tanzania.
Br. Vet. J. 129(4):382-389, 1973.
*D. Branagan, C.G.D. Brown, M.J. Burridge, M.P. Cunningham, and R.E. Purnell. PIL

EPHEMERAL FEVER

BURGESS, G.W.
Attempts to infect cattle with bovine ephemeral fever by inoculation of virus into the cervix.
Aust. Vet. J. 49(7):341-343, 1973. PIL

KEMP, G.E., and others.*
Isolation of bovine ephemeral fever virus in Nigeria.
Vet. Rec. 93(4):107-108, 1973.
*E.D. Mann, O. Tomori, A. Fabiyi, and E. O'Connor. PIL

ANON.
Foot-and-mouth disease scare in Britain proves to be swine vesicular disease.
J. S. Afr. Vet. Assoc. 44(1):96, 1973. PIL

ANON.
France: the State Veterinary Service.
Vet. Rec. 92(26):701, 1973. PIL

ANON.
Spain: foot-and-mouth disease.
Vet. Rec. 92(26):701, 1973. PIL

BUTEL, J.S.
Infectious nucleic acids of tumor viruses.
In: Methods Cancer Res., v. 8:287-335, ed. by H. Busch. New York, Academic Press, xix, 423 p., 1973. RC 267 B977m

GALABOV, A.S., and others.*
Antiviral phenylthioureas.
Fr. Demande 2,150,834 (Cl. A 61k, C 07cd), 18 May 1973, Bulgaria Appl. 17,924, 23 Aug. 1971, 14 p.
Chem. Abstr. 79(11):95-96(62220m), 1973.
*L.M. Shindarov, G.N. Vasilev, R.T. Vasileva, Z.P. Dimcheva, D.S. Stoicheva, and E.Kh. Velichkova. PIL

LAKE, J., and MACKENZIE, J.S.
Improved technique for the isolation of temperature-sensitive mutants of foot-and-mouth disease virus.
J. Virol. 12(3):665-668, 1973. PIL

RAVILOV, A.Z., SHAFIKOVA, R.A., and SHARAFUTDINOVA, K.N.
Accumulation of specific antibody to foot-and-mouth disease virus in ascitic fluid of white rats.
Vopr. Virusol. (4):458-461, 1973 (Russ., engl. abstr.).
Curr. Contents-Life Sci. 16(40):85, 1973. PIL

SELLERS, R.F.
Antiviral agents—ds RNA and vesicular diseases of pigs.
Abstr. Pap. Pres. B.V.A. Congr., Stirling Univ., 1973.
Vet. Rec. 93(6):166, 1973. PIL

FOWL PLAGUE

TUMOVA, B.
Influenza viruses.
In: Strains of Human Viruses, p. 85-130, ed. by M. Majer, and S.A. Plotkin. New York, S. Karger, x, 271 p., 1972. QR 360 M32

FOWL PLAGUE

WIEGERS, K.J., and DRZENIEK, R.
Ribonuclease present in myxoviruses.
Z. Naturforsch., Teil C 28C(5/6):346-350, 1973. PIL

RIFT VALLEY FEVER

McINTOSH, B.M., and others.*
Rift Valley fever. 2. Attempts to transmit virus with seven species of mosquito.
J. S. Afr. Vet. Assoc. 44(1):57-60, 1973.
*P.G. Jupp, D. Anderson, and D.B. Dickinson. PIL

RINDERPEST

GOPALAKRISHNAMURTHY, K., and SAMBAMURTI, B.
Cultivation of rinderpest bull virus in ovine kidney cells: a note.
Indian J. Anim. Sci. 42(11):943-945, 1972. PIL

SCRAPIE

BANG, F.B.
Genetic susceptibility to viruses versus inherited genetic defects: Where does the one cease and the other commence?
Birth Defects, Orig. Artic. Ser. 8(2):152-156, 1972.
Excerpta Med.-Virol.-Sect. 47 3(6):362(2022), 1973. PIL

FIELD, E.J., and SHENTON, B.K.
Rapid immunological method for diagnosis of natural scrapie in sheep.
Nature (Lond.) 244(5411):96-97, 1973. PIL

FIELD, E.J., and SHENTON, B.K.
Scrapie-like antigen(s) in ageing tissues.
Nature (Lond.) 244(5412):174-176, 1973. PIL

WATTRE, P.
Les slow virus a determinisme neurologique. [Slow viruses in neurologic disease.]
Pathol. Biol. 20(19-20):793-819, 1972 (Fr.).
Excerpta Med.-Virol.-Sect. 47 3(6):361-362(2018), 1973. PIL

TESCHEN DISEASE

RICHARD, Y., TOMA, B., and GORET, P.
Etude experimentale de la maladie de Talfan en France. Isolement et identification du virus.
Bull. Acad. Vet. Fr. 46(2):73-81, 1973. PIL

BIGLER, W.J., and McLEAN, R.G.
Wildlife as sentinels for Venezuelan equine encephalomyelitis.
J. Am. Vet. Med. Assoc. 163(6):657-661, 1973. PIL

FALCON, O.B.
La encefalitis equina venezolana en Mexico durante 1971. [Venezuela equine encephalitis in Mexico during 1971.]
Salud Publica Mex. 14(3):329-351, 1972 (Span.).
Vet. Bull. 43(8):416(3345), 1973. PIL

GUSHCHIN, B.V., and others.*
Electron microscope study of Vero cells infected with genetically homogeneous and heterogeneous Venezuelan equine encephalomyelitis virus.
Vopr. Virusol. (4):436- , 1973 (Russ., engl. abstr.).
Curr. Contents-Life Sci. 16(40):85, 1973.
*Ya.Ya. Tsilinsky, L.S. Shushkov, D.K. Lvov, and S.M. Klimenko. PIL

JAHRLING, P.B., and SCHERER, W.F.
Growth curves and clearance rates of virulent and benign Venezuelan encephalitis viruses in hamsters.
Infect. Immun. 8(3):456-462, 1973. PIL

RYDER, S., FINOL, L.M., and ESCALOMA, A.S.
Anticuerpos contra encefalitis equina Venezolana en la poblacion humana del Estado Zulia, Venezuela, en 1967. [Antibodies to Venezuelan equine encephalitis virus in the human population of Zulia state, Venezuela, in 1967.]
Invest. Clin. (Maracaibo) 39:37-51, 1971 (Span.).
Excerpta Med.-Virol.-Sect. 47 3(6):372(2078), 1973. PIL

VESICULAR STOMATITIS VIRUS

CRAIG, C.P., GORDON, S.L., and GREER, R.B.
Interferon responsiveness of rabbit synovial cells and chondrocytes.
Infect. Immun. 8(3):425-429, 1973. PIL

DE CLERCQ, E.
Antitumor activity of silica gel PF 254 eluate.
Cancer Res. 33(9):2173-2180, 1973. PIL

FALCOFF, E., and others.*
Correlation between the antiviral effect of interferon treatment and the inhibition of in vitro mRNA translation in noninfected L cells.
J. Virol. 12(3):421-430, 1973.
*R. Falcoff, B. Lebleu, and M. Revel. PIL

GALET, H., and PREVEC, L.
Polyadenylate synthesis by extracts from L cells infected with vesicular stomatitis virus.
Nat. New Biol. (Lond.) 243(128):200-203, 1973. PIL

GALET, H., SHEDLARSKI, J.G., Jr., and PREVEC, L.
Ribonucleic acid polymerase induced in L-cells infected with vesicular stomatitis virus.
Can. J. Biochem. 51(5):721-729, 1973. PIL

GHOSH, H.P., TONEGUZZO, F., and WELLS, S.
Synthesis in vitro of vesicular stomatitis virus proteins in cytoplasmic extracts of L cells.
Biochem. Biophys. Res. Commun. 54(1):228-233, 1973. PIL

HUANG, A.S., and others.*
Growth of pseudotypes of vesicular stomatitis virus with N-tropic murine leukemia virus coats in cells resistant to N-tropic viruses.
J. Virol. 12(3):659-662, 1973.
*P. Besmer, L. Chu, and D. Baltimore. PIL

NIZAMOV, V. Sh., and LASHKEVICH, V.A.
Some properties of large-plaque and small-plaque mutants of vesicular stomatitis virus detectable in cell cultures.
Vopr. Virusol. (4):415- , 1973 (Russ., engl. abstr.).
Curr. Contents-Life Sci. 16(40):85, 1973. PIL

SCHINCARIOL, A.L.
Replication of the RNA of vesicular stomatitis virus.
--Thesis, Univ. Toronto, Toronto, Ontario, p., 1971 (Engl.).
Diss. Abstr. Int. B Sci. Eng. 33(11):5415, 1973.
Chem. Abstr. 79(9):82(49920v), 1973. PIL

UNGER, J.T., and REICHMANN, M.E.
RNA synthesis in temperature-sensitive mutants of vesicular stomatitis virus.
J. Virol. 12(3):570-578, 1973. PIL

VISNA DISEASE

LAW, L.W., and TAKEMOTO, K.K.
Specific transplantation antigens of murine neoplasms induced by visna and progressive pneumonia viruses.
J. Natl. Cancer Inst. 50(4):1075-1079, 1973. PIL

MISCELLANEOUS

TRAUTMAN, R., and HAMILTON, M.G.
Analytical ultracentrifugation.
In: Princ. Tech. Plant Virol., p. 491-528, ed. by C.I. Kado, and H.O. Agrawal. New York, Van Nostrand Reinhold, xv, 688 p., illus., 1972. SB 736 K3